

T. C. A. ANNUAL DRIVE NEEDS \$500 TO FILL THIS YEAR'S BUDGET

ALL FREE LANCES WILL MAKE FINAL EFFORT FOR FUNDS

Undergraduate Spirit Shown in
Drive is the Best for
Many Years

WILL END AT 5 O'CLOCK

In order to make the Technology Christian Association annual financial Drive a success, it will be necessary to raise \$500 before the closing time, today, at 5 o'clock. The majority of the students have cooperated with the T. C. A. in making the Drive a success. However, there are still many undergraduates who have not as yet subscribed.

Twenty-three percent of the contributions have been made in cash and the rest in pledges. Several large subscriptions have helped in raising the sum to within striking distance of the quota. It is hoped that those who have not as yet helped the T. C. A. will do so today.

A resume of the daily results of the Drive is as follows: \$413 was donated by Drive men themselves at the banquet, at the beginning of the Drive; fraternities and dormitories subscribed \$1053 on Monday night; \$487 was received on Tuesday; \$1169 on Wednesday; and \$682.42 received on Thursday; leaving \$500 to fill the quota.

Letters have been sent out to all Drive workers who have not reported as yet urging them to assist in getting contributions. Thirty-five men did not report, either due to failure of the T. C. A. officers to properly notify them of their instructions, or to a misunderstanding. Each man was sent 5 budget cards.

Previously, the drivers have always fallen down on the final day. Last year \$50 was the entire amount that was contributed for the entire day. An effort is being made to push the drive today, and with the cooperation of the students this can be accomplished.

Fraternity Ratings not Published
Due to several requests, the comparative ratings of the various
(Continued on Page four)

CREW MEN MAKE UP SPRING SCHEDULES

Eastern College Representatives
Hold Annual Meeting

Representatives of all the Eastern colleges having Varsity crews met at the annual American Rowing Association gathering at the Harvard Club yesterday afternoon at 4 o'clock. The main purpose of the meeting was to make up a schedule of spring races for the different crews.

Edward M. Tittman '29, Captain of the Varsity crew at Technology, and Edgar M. Hawkins, Jr. '30, Manager of crew, represented M. I. T. at the meeting. After the schedules had been drawn up in the afternoon a banquet in the dining room of the Club was held for all representatives.

Institute Adds New Holiday to Calendar

Due thanks and praises should be rendered to the Massachusetts Legislature for passing the resolution creating Armistice Day as a legal holiday. If it were not for this benevolent act on the part of our legislators, the usual heavy labor would be in order for next Monday. Holidays are scarce enough on the Institute calendar so this new addition by the powers that be is certainly welcome.

Dormitory Standings at 3 O'Clock Thursday

Dormitory standings in the annual Technology Christian Association Drive at 3 o'clock yesterday, on a basis of 10, are as follows:

Dormitory	Standing	Percentage
Nichols	3.4	67%
'01	2.9	66%
'E'	1.3	37.5%
'D'	1.3	60%
'93	1.2	34%
Ware	1.2	78%
Holman	1.2	93%
Runkle	0.9	44%
Crafts	0.9	62%
Atkinson	0.7	45%
'F'	0.7	50%

REGULAR MEETING OF THE INSTITUTE COMMITTEE IS HELD

Sophomore Members of Walker
Memorial Committee
Are Approved

GLOVE FIGHT GETS POINT

Holding its regular monthly session, the Institute Committee met in North Hall, Walker Memorial, yesterday afternoon at 5 o'clock. The Budget Committee reported on the expenditures of the committee up to the present time. The elections committee gave a report of the freshman elections, and the names of the men chosen. The Field Day Committee made its report, and the President praised the work of the Field Day marshals and ushers and read a letter of commendation from Assistant Dean Harold E. Lobdell, '17.

The committee decided to award one point to the glove fight in all future Field Days, and the schedule of points was rearranged so that the total remains at thirteen. The new list of points is:

Football	4
Crew	3
Relay	3
Tug of War	2
Glove fight	1

The following Sophomores were approved for membership on the Walker Memorial Committee:

Louis S. Morse, Jr.
O. Glenn Goodhand
Robert H. Hubbell
C. Elliot Middleton

It was also moved and passed that the Executive Committee of the Dormitory Committee be abolished, as there has not been sufficient work for this organization.

FLYING CLUB HOLDS MEMBERSHIP MEETING

22 Students Plan to Join Club
For Coming Year

Over 40 men attended the meeting of the Flying Club last Wednesday afternoon and out of this number 22 expressed their intention of joining the organization. The meeting was held in Room 418 of the Aeronautical Building and was in charge of the club officers.

Benjamin S. Kelsey '28, who was one of last year's active members and now an instructor in the Aeronautical Engineering Department, represented the faculty of the department. The principal speaker was Frederic Celler '29, President of the Club and he explained the proposed future plans of the organization.

Due to the large number of men who turned out for the meeting and indicated their desire to join, the plans for the new year concerning the Club plane will be carried out. Several men were appointed to put the plane in working order so that it may soon be ready for members' use.

INFIRMARY WILL BE DEDICATED TO STUDENT HEALTH

Institute Will Formally Accept
Memorial at Exercises
on Tuesday

HEALTH HEADS TO SPEAK

President Samuel W. Stratton will preside and introduce the speakers at the dedication exercises of the Richard M. Homberg Memorial Infirmary in Room 10-250 on Tuesday, November 13 at 2:30 o'clock. The exercises are being held by the Institute to formally acknowledge the gift of this infirmary by the relatives of Richard M. Homberg, '23.

William Rosenwald, '24, son of Julius Rosenwald, chairman of the Board of Directors of Sears, Roebuck Company, will represent the donors at the occasion and will formally present the Infirmary to the Institute.

Dr. George W. Morse, head of the Department of Hygiene and medical director since 1922 and responsible for the development of the Medical Department from a small room for first aid treatment to the present department entrusted with the care of the student's health, will explain the organization and operation of the new infirmary. His speech will be illustrated with lantern slides which will show the plan and facilities of the building.

No Technology program would be complete without Dr. Allan W. Rowe, '01, and on this occasion he will speak on the relation of the Infirmary and the Department of Hygiene to the athletic program, which he has done so much toward developing at Technology. He will be followed by Mr. Selskar M. Gunn, vice president of the Rockefeller Foundation in Europe and a member of the Institute Department of Biology and Public Health from 1910 to 1919.

(Continued on Page four)

Combined Clubs Give Concert at Franklin Square

First Concert and Dance of
the Year is Acclaimed
a Great Success

Capacity attendance was the reception given the first presentation of the Combined Musical Clubs for the year. The event took place in the Haynes Auditorium in the Franklin Square House last Tuesday evening, and it filled the hall to the doors.

It was the first regular concert of the season and all of the clubs showed up well. Each of the clubs was responsible for some part of the program. There were also two specialty acts, one a saxophone solo by Robert E. Semple '32; the other by a quartette made up of Muckenhoupt, Stathis, Murley, and Lavrakis. The program was concluded with the two old favorites, "Take Me Back To Tech," and "The Stein Song."

After the concert the Techtonians furnished the music for the dance. There were approximately two girls for every man in the Clubs, and the dance was considered a great success.

The next concert of the Clubs will be held at Filene's on November 15. On Wednesday, November 14, the Glee Club will sing for the Fox Movie-tone.

The program of the concert at the Franklin Square House was as follows:

March—The Crusader
Pomp and Circumstance
INSTRUMENTAL CLUB
Rise, Sleep No More
Swabian Folk Song
GLEE CLUB

Out of the Dawn
Ten Little Miles From Town
Chloe
BANJO CLUB

Specialty Act
ROBERT E. SEMPLE '32
Indian Love Lyrics
(a) Till I Wake
(b) Less Than The Dust
By The Waters of The Minnetonka
LIEUTENANCE

INSTRUMENTAL CLUB
Specialty Act
MUCKENHOUP, STATHIS,
MURLEY, LAVRAKIS

Popular Selections
TECHTONIANS
Take Me Back To Tech
The Stein Song
GLEE CLUB

JOSEPH B. PAUL CHOSEN 1932 PRESIDENT IN CLASS ELECTION ON WEDNESDAY

Announce Dedication Program of Infirmary

Dedication exercises of the Richard M. Homberg Memorial Infirmary will be held in Room 10-250, Tuesday, November 13 at 2:30 o'clock. President Samuel W. Stratton will preside at the exercises and will introduce the speakers, who will be William Rosenwald '24, Dr. George W. Morse, head of the Department of Hygiene; Dr. Allan W. Rowe '01, Mr. Selskar M. Gunn, and Dr. Haven Emerson. Admission will be by card only although a limited number of students may be admitted.

FIRST METALLURGY LECTURE IS GIVEN BY DR. HATFIELD

Speaks About "Applications
of Science to Steel
Industry"

GRAPHS ARE EXHIBITED

Exhibiting charts, graphs, etchings, and photographs which were developed in his own laboratories, Dr. William H. Hatfield addressed a group of 80 students and faculty members on the subject of "Applications of Science to the Steel Industry" in Room 4-370 at 4 o'clock yesterday. Dr. Hatfield is Director of the Brown-Firth Research Laboratories, Sheffield, England where his staff is specializing in the development of acid and rust resisting steels.

In speaking of the need of men who will go into research work, Dr. Hatfield said, "In the past science, or the knowledge of natural law, was largely developed by individual enthusiasts without great resources at their disposal. I feel that all resources should be given to the men with the ability and foresight to explore natural law." He stated that in America we have magnificent research institutions on a greater scale than in Europe.

Make Corrosive Tests
Dr. Hatfield outlined the procedure which is followed in his laboratories. The men in charge of each department meet every morning and have an informal discussion for an hour in order to keep each man, whose work is highly specialized, in touch with the general information on the problem on which the entire staff is working.
(Continued on Page four)

200 SENIORS SECURE TICKETS FOR DANCE

Chaperones for Annual Affair
Are Announced Today

Over 200 tickets have been distributed free to Seniors for the annual Senior Dance, which will be held in the Rogers building on November 16 from 9 to 2 o'clock. Today is the last day this week that men may procure tickets to the dance. A stand is being maintained in the main Lobby from 10 to 2 o'clock today. The remainder of the tickets will be given out on Thursday and Friday of next week.

Gordon R. Williams '29, chairman of the Dance Committee announces that the Techtonians will furnish the music for the dancers. Refreshment tickets will be on sale in the Rogers building during the dance. Chaperones for the dance are announced as follows: Colonel and Mrs. Harold E. Cloke, Mr. and Mrs. Horace S. Ford, Professor and Mrs. James R. Jack, Assistant Dean Lobdell, and Mr. Morris A. Parris, secretary to President Samuel W. Stratton.

NEW CLASS HEAD WAS CAPTAIN OF FOOTBALL TEAM

Elect Fitzpatrick Vice-President,
Braxton Secretary, and Hall
as Treasurer

HOLD OFFICE FOR YEAR

Joseph B. Paul of Liesburg, Virginia, has been elected president of the Class of 1932 in the elections held on Wednesday. Paul was captain of the victorious freshman Field Day football team and in addition was the individual star of the game. He prepared for Technology at Lawrenceville Preparatory School where he won his "L" in football, baseball, and basketball.

As vice-president, the freshmen chose Thomas K. Fitzpatrick of Salem, Mass. Fitzpatrick received his preparatory education at Chauncy Hall where he won his letter in basketball and participated in many other activities.

Randolph H. Braxton, who was elected secretary, comes from Paris, France, although an American citizen. Randolph prepared at a French school, the Lycee Carnot. Although there are no so-called American sports at this school, rugby serves as a substitute and it was in this sport that Randolph excelled.

Richard Hall has been chosen as treasurer by the first year men. Hall, who comes from Hillsboro, New Hampshire, attended Phillips Academy previous to his entering Technology. The members of the executive committee elected by the freshmen are Asa H. Jewell and Robert S. Prescott. Jewell prepared at Masee School and comes from Lexington, Ky. His activities in school included football, basketball, and track. Prescott is a native of Brookline and prepared at Chauncy Hall.

It has been voted by the Institute Committee to accept these elections except the freshman members to the Institute Committee. The name of one of the candidates for this office was omitted from the ballot and consequently a re-election will be necessary for the members of this committee.

TECH SHOW NEEDS HUMOROUS SKITS

Coach Green Will Hold Meeting
to Help Writers Elaborate
Ideas for Acts

Mr. William C. Greene, Coach of the Tech Show, will hold a meeting of skit-writers in Room 2-176 this afternoon at 4 o'clock.

Up to date the number of skits submitted for this year's production has been very unsatisfactory. At this afternoon's meeting, Mr. Greene will suggest ideas for the use of those who have literary aspirations and will endeavor to assist any who may be at a loss as to the method of developing humorous ideas into skits. These skits need not be very humorous in their incipency but it is essential that the final product be heartily mirth-provoking.

It is the wish of the management that all who have anything in the way of ideas, writings, acts, or who are in any way interested in the Show be present at this meeting, or if he be unable to attend, see some one of the staff in the Tech Show office in Walker Memorial.

CALENDAR

Due to a new arrangement
the calendar for this issue will
be found on Page 4.

A Record of
Continuous
News Service
for 47 years.



Official News
Organ of the
Undergraduates
of M. I. T.

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In charge of this issue:

Ralph Davis '31

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PRESIDENT-ELECT

HERBERT HOOVER has been elected President of the United States by an unmistakable majority, the size of which according to the latest returns approximates seven millions of votes over that given Governor Smith. By the tremendous vote of twenty-three millions to sixteen millions, the electorate of this country have emphatically expressed their approval of the past administration and of the Republican party principles, and along with the presidential sweep they have sent into both branches of Congress a clear Republican majority to ensure harmony between that body and the administration.

In surveying this vast scene depicted by the results of one of the greatest national campaigns in American history, certain developments stand out sharply. The Democratic party is in the minds of many definitely on its last legs, facing extinction nationally as it has already nearly disappeared in some states. The solid south has been completely disintegrated. Senator Borah is of the opinion that North Carolina and Virginia are gradually drifting into the Republican party with Republican sentiment also increasing in other southern states. This indicates conclusively the ineffectiveness of the lineup with Republican principles by the Democratic party in this campaign. If the Democratic party is to continue a strong force in American politics and offer any sort of opposition to the majority party, a revivification of the party is necessary, and may best be accomplished perhaps by a realignment on fundamental economic issues.

We congratulate the President-elect on a magnificent victory, and to Governor Smith we extend our deep admiration for a great fight in the face of insuperable odds.

MAJORITY VOTE?

OUT of one of the largest entering classes in the history of the Institute, only 325 took part in the presidential election of the Class of 1932. Why such indifference, freshmen—where is the spirit you showed last Friday? Riding on your laurels?

Some of the men lay this lack of interest to the fact that they did not know the candidates. Of course, one shouldn't go into this matter blindly, voting as someone else tells him to. But that excuse is rather a lame one, after the Glove Fight, particularly.

The common cause for which all the men worked last week should have enabled them to get acquainted as nothing else could. And anyway, in six weeks of school a man should be able to meet anyone whom he wishes.

Some of the freshmen point out that the section leaders know each other more intimately than do the rest of the class through their meetings together. The Institute is run on essentially democratic policies, but would it simplify matters to have these leaders of the groups get together and choose a president?

Just a word of warning to Joe Paul, the newly elected president of the Class of 1932, whom we warmly congratulate and wish success. If the actions of the last Field Day are any indication, 1932's leader is eligible for abduction, mayhem, or other unspeakable violence at any certain time after rushing season is over in the fall. "Forewarned is forearmed."

"WATCH ME CLOSELY"

IS the average American student an amusement addict? In this day of low-priced, economical motor cars, amusement palaces where entertainment is purveyed for fifteen cents an hour and radios that render it unnecessary to even leave your own hearth-fire, it is possible and probable that our minds have become amusement drugged. Here at Technology it has been noticed that during a lecture consisting entirely of verbal descriptions and diagrams on the board, there is a pronounced lessening of interest in the audience—in fact, a more or less general somnambulism before the end of the hour. However, in the same course, when the tables are crowded with apparatus and the professor is moving briskly through one experiment after another, not a motion or a word escapes any student. Yet the theory discussed the day before is precisely the same as the one illustrated by the experiments.

Perhaps this dependency on concrete illustration is an intimation of the decline of abstract ideas conveyed by written or spoken words. It may be eventually that all learning will be handed on by means of pictures and actual methods, rather than by written records. Who knows whether this condition would be progression, or retrogression? It would eliminate a great deal of handwriting difficulties "when we were very young" and an equal amount of day-time dozing later on.

\$100,000,000 Can't Be Wholly Wrong

Why One Laughs at Harvard is Now Fully Explained to Magazine Readers

In the December issue of "College Humor" there appears an article on Harvard by Gilbert Seldes which contains so much that is entirely unknown to us, their next-door neighbors, that excerpts from the article are here reprinted. We are indeed glad to add these bits of news to our already large store of knowledge. "What makes Harvard almost as good a subject as the mother-in-law? Why do Yale and Princeton rank so high in a metropolitan musical comedy, while Harvard is the only sure-fire laugh in the three-day? The Harvard man believes that Harvard is the butt of college jokes because Harvard is so enormously and unquestionably the greatest college in America. The superiority is taken for granted. I do not mean that the Harvard man thinks being at Harvard automatically makes a superior man of him; he merely has the profound conviction of the superiority of the college itself. It is the conviction and consciousness of Harvard's superiority which eventually marks its undergraduates. They flaunt their accents in the ears of muckers; they have or assume an air. And to a great extent this connects with the circumstance that Harvard to a surprising extent lacks college spirit.

"Aside from a few peculiarities of nomenclature, like calling its campus 'the Yard,' it seems to escape most of the adolescent tricks; it despises the tattooed slicker; its general ambition is not to look collegiate; there is a slight affectation of shabbiness. It will sound implausible—to some people it will sound terrible—but it must be said, there is a large body of students at Harvard who simply do not give a damn about the football team, win, lose or draw. I recall how class leaders and coaches worked to bring out a few handfuls of men to see the team in practice and the hundreds of men who did not even go to the scoreboard in the Union to find out what our team was doing at Princeton or New Haven.

"Harvard, it seems to me, has succumbed to the pressure of the practical. After all, it could not go on as a college if it persisted in turning out impractical dreamers or happy men who failed to make their million. The majority of Harvard undergraduates do not come to college with any fixed intentions on culture; fifty-eight per cent are satisfied if they get passing marks. The Harvard degree still has a certain social standing, and it is often said the friends you make in college help you in after life—the money touch again. These motives have their effect on the tone of the place.

"Harvard did not cast its graduates into a mold; it left them free to live as independent human beings. It did not, a decade ago, make conservatives out of liberals, aesthetes of practical men. If the majority of its graduates seemed always recognizably Harvard men, it was because the majority of men, lacking sufficient character, will always take on the tone of their surroundings, but at Harvard diversity and independence were always part of that tone. Its typical men were always its exceptions. Today to be called a Harvard man is grateful libel."

WITH THE AMERICAN COLLEGE EDITORS

"THINKING IT THROUGH"

"One of the younger professors at McGill, when speaking to a group of freshmen last week said: 'If you would be true students you should have among your University Clubs not only the Student Christian Association, but the Student Buddhist and Student Confucianist Association also. By this he meant, that if students want to learn the truth about religion and life they will have to dig into it for themselves, here and now, abandoning all preconceptions. "Here is a most daring adventure, and we wonder how many people would be willing to try it. Most students begin to doubt much that they have previously accepted soon after entering college, but in their new ideas they rarely take the trouble to go beyond the stage of mere devastating doubt. The professor mentioned above implied that in the new outlook on life and our relations with other men with new views, students should go to the bed rock of life and test the validity of his philosophy, which now has either to go by the boards or be reconstructed.

"We would like to congratulate the S. C. A. this year on its policy of groups meeting for the purpose of free discussion on different viewpoints. We understand that some

— THE OPEN FORUM —

To the Editor of THE TECH.

Just a word about these Friday evening meetings which are being held under the auspices of the M. I. T. Student Branch of the A. I. E. E.

The real point of these meetings is that they are an effort to give the freshmen and Sophomores interested in electrical engineering some first-hand information concerning the conditions and opportunities existing in the different branches of the electrical industry.

The Department of Electrical Engineering has long appreciated the vital necessity of putting this information before the freshmen and Sophomores, and is heartily cooperating with the Student Branch of the A. I. E. E. in this enterprise.
(Signed) W. H. Timbie.

An Open Letter to Voo Doo

Nov. 8, 1928.
Phosphorous beware! The "Tech Engineering News" has decided that a bad thing has gone far enough. An extensive program of pest extermination has been adopted and permission has been obtained from the Society for Prevention of Cruelty to Animals to rid this glorious Institute of that unsightly feline which monthly slinks out of its den of iniquity in Walker Memorial, seeking to spread

groups have been formed consisting of both Jews and Christians to study the question of comparative religions. It is surely in frank meetings of this sort that understanding of some-times opposed viewpoints can result. We would like to insist however, that it is the duty of every student at University to think out for himself the problems that he has become cognizant of through his opportunity of higher education. There is no attitude so easy as that of simple doubt, and nothing so helpful as constructive thought."—McGill Daily.

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490 Commonwealth Ave.
WHERE TECH MEN GO
6 Barbers with a smile
Bootblack Manicuring

HAVE YOUR SUITS

Pressed, Cleaned or
Repaired by
CHARLIE, THE TECH TAILOR
Opposite the New Dorms.

Announcing SPECIAL BURIAL RATES

Discounts to M.I.T. Students, 5%. In groups of eleven, 40% off.

We furnish: Flowers and incense, draperies, roman candles, grave diggers, embalming and removal of remains from Charles River Road.

A department is also maintained for animal burials, making cat funerals a specialty.

Notice has reached us that the terrible T.E.N. Green Dragon is to run wild among the feline offspring of Phosphorous, in a Football Game, Nov. 27. If a Voo Doo representative will call, we will be glad to make all pre-mortem arrangements.

W. E. PLANTUM, Funeral Parlor

"Care for the Corpse"

Room 29, Walker Basement

Try the GRILL For a Pleasant Change WALKER DINING SERVICE

LANGROCK FINE CLOTHES

DRESSING PROPERLY is not an expensive task.

Combine correct style, splendid tailoring and exclusive British wools.

LANGROCK

HARVARD SQUARE
NEW YORK 184 BROADWAY

Engineer Soccer Men Meet Strong Springfield Team

Coach Welch Will Start the Same Lineup as Used Against Harvard Tuesday

Eager to make up for the 1-0 defeat that Harvard handed them last Tuesday, the Engineer soccer team hopes to defeat Springfield College at Springfield tomorrow afternoon. With the return of Kim to the lineup, all of the regulars are back again.

Springfield and the Cardinal and Gray teams are well matched, and a close, hard fought game ought to result. The rain of the last few days has greatly slowed up practice, but since the Engineers had a game Tuesday afternoon, they are prepared for Saturday's contest.

No Change in Lineup

Coach Welch will probably use the same line-up as he used against Harvard. The placing of Captain Fahey in the defense makes this section very strong and rather weakens the offense. However the combination of Hawkins, Riehl, Kim, Fahey, and Cooper seems to work out very well and it is very probable that Coach Welch will use this combination for the remainder of the season.

There are a number of men available for the offensive positions and it is likely that most of these will see action. Kashemsanta, Youngson, and Vibul are sure to start while Delahanty and Gutierrez will play at the left wing. Several other men may get into the lineup later in the game. There is a chance that Merrill will work part of the game in place of either Delahanty or Gutierrez. The forwards have worked up a good passing combination, and with satisfactory weather conditions it ought to work out successfully.

FRESHMEN GYMNASTS START REGULAR WORK

About nineteen freshmen have turned out for the Gym team and are being put through the process of loosening up their muscles in preparation for a strenuous season. A number of them have been out for several weeks and as a result have learned several events on their respective pieces of apparatus.


Captain Fairchild is confident that the Engineers will have a good team this year and the team is rather confident of walking off with the coveted Eastern Intercollegiate Gymnastic League cup this year. On Thursday evening the team will hold a get-together banquet in order to get the new men acquainted with members of last year's team as well as to outline the work for the rest of the year.

'93 CAGERS BEATEN BY E AND F DORMS

In the opening game of the dormitory basketball season Tuesday, E and F defeated '93 by a score of 19 to 13. The game was very close and both teams fought valiantly for the prestige of their dormitory. At the end of the first half the score was 8 to 7 in favor of '93, but during the last quarter the victors piled up four baskets in quick succession. Many fouls which were very fairly called by the umpire marred the game and resulted in costly points. E and F made no substitutions and both teams tired somewhat towards the end of the hotly contested battle. A great deal of enthusiasm resulted in loud cheering from the side lines by the supporters of both teams.

BOAT CLUB BANQUET

Tickets for the initiation banquet of the Boat Club next Tuesday night will be on sale to members in the Main Lobby on Thursday and Friday of this week.



Dance Lovers' Paradise
SHERATON ROOM
COPLEY PLAZA
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A Glorious Dancing Salon—
A Floor That One
Delights to Tread.

Tea Dances, Wednesdays and
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Supper Dances nightly
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Meyer Davis' Le Paradis
Band

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Events in Tomorrow's Handicap Track Meet

TRACK EVENTS
80-Yard Dash
175-Yard Dash
660-Yard Run
¾-Mile Run

FIELD EVENTS
High Jump
Broad Jump
Shot
Discus

EIGHT EVENTS IN HANDICAP MEET TO BE HELD TOMORROW

Record Number of Candidates Turning Out Daily

Dash Events Will be Especially Interesting—Relay Men to Enter Races

FIELD EVENTS POPULAR

Coach Oscar Hedlund has arranged a handicap meet for tomorrow afternoon, with a program of events that should attract a large number of competitors. It is to serve as a preliminary meet for the annual fall handicap meet which will be held next Saturday.

For the sprinters there will be two dashes, the 80-yard and 175-yard events. There should be some good contests in these two races, as the sprinters have had several weeks of intense practice in preparation for the Field Day relay. Broder, the Sophomore star, will not be able to run, because of injuries received in relay practice. Wayne, a freshman find, has earned quite a reputation for his ability in the dashes and will be watched in tomorrow's meet.

No Distance Events

The distance events have been purposely omitted because the men who would normally be the entrants

(Continued on Page four)

TANKSTERS PRACTICE AT UNIVERSITY CLUB


Large Enrollment in Swimming Promises Good Season

Swimming practice has gotten under way with about fifty-five men reporting including forty freshmen, five men from last year's Varsity, and a number of candidates from last year's freshman team.

The number of yearlings reporting was too large for Coach Dean to handle so he was obliged to cut ten men from the squad. Although there have only been two practice sessions to date, several freshmen have already shown promise especially in the back stroke and diving.

Five Varsity men under Captain Luey, last year's intercollegiate back stroke champion, have returned this year and Coach Dean hopes to form a fairly strong team around this group. There are also a few good men from last year's frosh team, among them MacKay who will probably swim the medley and forty, and Holst a breast stroke man. In addition to Captain Luey, Appleton, Birnbaum, Torchio, and Jarosh are the men back from the Varsity. A few candidates have also come out this year who did not come out in their freshman year.

Dean will coach the Varsity men while Brown will take charge of frosh. Due to the limited facilities it is necessary to keep the squads as small as possible so that the Varsity is limited to fifteen men while the freshmen are allowed to have twenty men.



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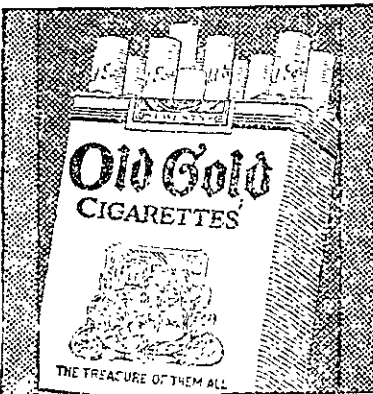
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Dick Barthelmess



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MR. BARTHELMESS was asked to smoke each of the four leading brands, clearing his taste with coffee between smokes. Only one question was asked: "Which one do you like best?"

Why you can pick them

Three types of leaves grow on the tobacco plant . . . coarse *top-leaves*, irritating to the throat . . . withered *ground-leaves*, without taste or aroma . . . and the *heart-leaves*, rich in cool and fragrant smoking qualities. Only the heart-leaves are used in OLD GOLDS.

SMOOTHER AND BETTER—"NOT A COUGH IN A CARLOAD"

OFFICIAL BULLETIN

ECONOMICS

The following speakers will lecture before the class in Business Management in Room 1-190:

Mr. G. C. Frolich

General Manager of the Medicine Departments, United Drug Co.
November 9, 2 P. M.

Subject: "Research Toward Standardization"

Dr. S. W. Stratton

President of the Massachusetts Institute of Technology
November 14, 9 A. M.

Subject: "Standardization"

FACULTY CLUB

Lecture in the Walker Memorial, Faculty Dining Room by:

Dr. Joseph Redlich

Professor in the Harvard Law School
November 9, 12 Noon

Subject: "Present Conditions in Vienna"

CALENDAR

Friday, November 9

- 3:00—Professor Fales' lecture to S. A. E., Room 3-270.
- 3:30—Practice Cross Country Meet with Northeastern, Franklin Park.
- 4:00—Hatfield Lecture on Metallurgy, Room 4-370.
- 5:00—Combined Professional Societies Meeting, Room 3-312.
- 6:00—A. I. E. E. Supper meeting, Faculty Dining Room, Walker Memorial.
- 6:30—Meeting of Steel Treasures Society, Walker Grill Room.
- 8:00—Hatfield Lecture on Metallurgy, Room 5-330.

Saturday, November 10

- 2:15—Handicap Track Meet, Tech Field.

Monday, November 12

- 6:30—Meeting of Chinese Students, North Hall, Walker Memorial.

Tuesday, November 13

- 2:30—Dedication Ceremony of Homberg Memorial Infirmary, Room 10-250.
- 5:00—Banjo Club Meeting, East Lounge, Walker Memorial.
- 5:30—T. C. A. Cabinet Meeting, Walker Grill Room.
- 6:00—Dinner Meeting of Class 1908, Faculty Dining Room, Walker Memorial.
- 6:00—Dinner Meeting of Propellor Club of Boston, North Hall, Walker.
- 6:15—Meeting of American Society of Refrigerating Engineers, Engineer's Club, Boston.

Wednesday, November 14

- 8:30-5:30—Election of Freshman Institute Committee representatives. Main Lobby.
- 5:00—Flying Club Meeting, Room 33-418.
- 7:00—Alpha Chi Sigma Smoker, Faculty Dining Room, Walker Memorial.
- 8:00—Menorah Society Social, North Hall, Walker Memorial.

Thursday, November 15

- 4:45—Christian Science Association Meeting, West Lounge, Walker Memorial.
- 6:00—Dinner Meeting of Boston Theta Chi, Faculty Dining Room, Walker Memorial.

NOTICES

ATTENTION DRIVE MEN

As the Drive ends at 5 o'clock today, all workers are requested to turn in all cash and pledges on or before that hour to the T. C. A. Office.

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While in Banff, Alberta, in 1909, I climbed Tunnell Mountain. On top of this mountain there is a cairn of stones where tourists leave their cards with remarks about the scenery, etc. Not having a card with me, I left a tin of Edgeworth Sliced, scribbled my name and address on a piece of paper, and said, "Have a fill on me."

I have kept up a haphazard correspondence with one of three who wrote me thanking me for the Pipeful of Edgeworth. What makes me write you is that today from Australia I received two slices of Edgeworth with the words, "Have a fill on me," so you see Edgeworth keeps friends friendly.

Yours sincerely,
P. B. Johnstone

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COMBINED PROFESSIONAL SOCIETIES

There will be a meeting of The Combined Professional Societies today at five o'clock in Room 2-312.

JUNIOR PROM COMMITTEE

There will be a meeting of the Junior Prom Committee in the Committee Room of Walker on the third floor at 5 o'clock this afternoon.

MUSICAL CLUBS

The Musical Club's picture for Technique will be taken Thursday, November 15, in Room 11-004. All members must come in tuxedos.

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T.C.A. ENDS ANNUAL
DRIVE AT 5 TODAY

\$500 Needed to Push Quota
Over the Top

(Continued from page one)

fraternities in regard to the drive will not be published. According to the reports received from the T. C. A. office at 3 o'clock yesterday the following fraternities had contributed 100%: Beta Theta Pi, Delta Upsilon, Phi Beta Delta, Phi Kappa Sigma, and Tau Delta Phi. Complete announcement of those fraternities who have contributed 100% will be made in a later issue of THE TECH, after the returns have all been collected and tabulated.

If the quota has not been attained by this afternoon at 5 o'clock, letters will be sent to those students who have not contributed on the theory that they have not been seen as yet. In such a college as the Institute, it is hardly possible to cover every student personally.

Graphs Posted Daily

Graphs are posted in the Main Lobby every morning listing the standings of the fraternities, dormitories, and giving the total amount received since Monday evening.

All students who have not had a chance to contribute to the Drive may apply at the T. C. A. office in the basement of Walker, and receive the necessary material.

Undergraduates may indicate the department which they wish to support by putting down the amount after the name of the department on the pledge card. Many students are availing themselves of the opportunity to have their pledges deducted from their laboratory deposits or from their accounts at the beginning of the second term.

PROFESSOR FALES TO
SPEAK ON GAW MOTOR

Subject of Talk at S.A.E. Meeting
is New Automobile Motor

Professor Dean A. Fales '14, of the Department of Mechanical Engineering will give a talk at the meeting of the Student Branch of the Society of Automotive Engineers, to be held in Room 3-270 this afternoon at three o'clock. The subject of the talk will be the newly developed single sleeve internal combustion engine and will be illustrated by lantern slides. The meeting is open to all wishing to attend.

The new automobile motor was announced in "The Technology Review" a week ago. It was invented by Luther A. Gaw and is a notable improvement in the field of automotive engineering, being a greatly simplified, four-cycle automobile motor, with a single sleeve mechanism.

During the development of the motor, Professor Fales acted in an advisory capacity and was in charge of the engineering tests. The engine is an improvement over the Knight engine, to which it is similar in its action. Some of the improvements of this engine over previous types are the small weight of the sleeve, making greater speed and power possible; and the compact combustion chamber, which has a very high compression ratio. The Gaw motor, as the engine is named, has been proved by tests to be practical and may also be produced economically.

S. A. E. MEETING

All members of the Society of Automotive Engineers are to attend the meeting this afternoon in Room 3-270 at 3 o'clock at which Professor Dean A. Fales '14 will lecture on the Gaw single sleeve motor.

STEEL TALK GIVEN
BY DR. HATFIELD

Corrosive Tests and Ingot Sizes
Included in Lecture
to Students

(Continued from Page One)

ing. During the last four to five years, 20,000 tests were made in his laboratories in connection with rust and acid resisting steels. He stated that all research institutions should maintain a museum. A difference of a few years allows problems to be solved for which there were no facilities when it was first undertaken. A display of the types which were studied before proves an invaluable aid to research according to Dr. Hatfield.

Discusses Ingot Sizes

Small ingots give the best results in casting in the speaker's opinion because the temperature can be controlled more easily. Best British and American steel works concur in using the same type of ingots. When the ingot freezes there is a center core formed which contains smaller crystals than the surrounding metal. It was found that the size of the cone may be varied by a temperature change.

To emphasize the prevalent ignorance of many subjects in metallurgy Dr. Hatfield stated that it is not definitely known if steel is lighter or more dense when it is changing from the solid to the liquid phase. Good steel may be ruined in casting, he claimed, if care is not taken to have all conditions satisfactory. In discussing forging, the method of determining the proper temperature by working back from the theoretical burning point was touched upon. Dr. Hatfield also described an experiment by which it was found that the outside of a forging reaches the desired temperature long before the inside does.

At the close of the lecture there was an informal discussion. Today Dr. Hatfield will speak at 4 o'clock on "Acid and Rust Resisting Steels" in 4-370, and on "Cast Iron" at 8 o'clock in 5-30.

SPRINTS AND FIELD
EVENTS IN HANDICAP

Keen Competition Expected in
Tomorrow's Meet

(Continued from Page 3)

are running with the cross country team in a practice meet with Northeastern this afternoon. There will be an opportunity for the middle distance men, however, in the 660-yard and 3/4-mile runs. Potential milers and half-milers will have a chance to show their stuff and still not run any risk of early-season injuries caused by running the full distances, without proper training.

The field event men will be in their glory, for there will be four different events to choose from. There has been considerable interest shown in these sports and a large list of entrants should turn out. Bill Meanix's men will compete in the high jump, broad jump, shot put, and discus.

Fresh Urged to Compete

There are many freshmen who have just come out to substitute track for physical training. The coach has urged these men especially to enter some event tomorrow. By their performance in this meet he will be better able to judge their worth and classify them as far as possible.

The meet is scheduled to be held on Tech Field and will start promptly at 2:15. All men who intend to run in the fall handicap meet should not fail to take advantage of this opportunity to get some valuable experience in real competition.

TECHNIQUE SIGN-UPS

All Seniors who have not made an appointment for a picture for the year book do so before November 16 as the sign-ups will be closed at that time. A desk is being maintained in the Main Lobby for these appointments to be made.

HOMBERG INFIRMARY
DEDICATION TUESDAY

Formal Presentation of Memorial
to be Made Then

(Continued from Page One)

Dr. Haven Emerson, Professor of Public Health at Columbia University and a noted authority on public health, will be the main speaker on the occasion. Dr. Emerson is a former chairman of the Public Health Commission of New York and at present is head of the new health center in New York City.

Over twelve hundred invitations have been issued for the dedication to friends and relatives of the donors, trustees and officials of hospitals and college infirmaries, and municipal and state officials especially those who are connected with public health departments. Admission will be by card only although a limited number of students may be admitted. After the conclusion of the exercises, an opportunity will be afforded to those in attendance to inspect the Infirmary.

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